

Guiding a Scanning Device to Decode 2D Symbols

ABSTRACT

To facilitate the decoding of a 2D symbol (e.g., PDF417), a plurality of positioning lines are attached to the 2D symbol. Depending on implementation, these substantially parallel positioning lines may be provided on at least one side of the symbol or superimposed on the symbol. A scanning device is provided to capture an image of the symbol together with these positioning lines that are then detected to determine an orientation of the 2D symbol. In some cases, these positioning lines are used to correct images with distortion.